INSTALLATION MANUAL

Universal flat-panel mount

CTM-MS1

PREMIER MOUNTS™
The original holding company

LISTED
E176225

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www.mounts.com

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WARNING!

The wall structure should be capable of supporting a max weight of 160 Lbs., the weight of the flat panel. More than 160 Lbs the wall must be reinforced. Proper installation procedure by qualified personnel as outlined in the installations instructions must be adhered to. Failure to do so could result in serious personal injury.

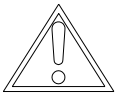
WARNING Safety precaution measures must be practiced at all times during the installation of this product. Use proper safety gear and tools for the installation procedure to prevent personal injury.

The entire installation instructions should be fully read and understood, including all of the safety symbols and safety precautions, before beginning installation. The installation instructions should be read, understood and followed to prevent personal injury or property damage. Keep these installation instructions in an easily accessible location for future reference.

Indicates that the power plug is to be disconnected from the power outlet.

Contact Premier Mounts for any questions

Safety precautions must be taken at all



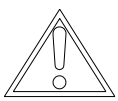
Warning and caution in general

A secured structure wooden stud wall must always support the weight or load of the flat panel. Always confirm the center of the wood stud before beginning the installation.

Do not install in locations where there is vibration, movement or danger of impact. Failure to do so could result in flat panel cracking or falling from the wall causing damage and injury.

Do not install near heater, fireplace, direct sunlight or air conditioning or any other source of direct heat energy. Failure to do so may result in damage to the flat panel and could cause a risk of fire.

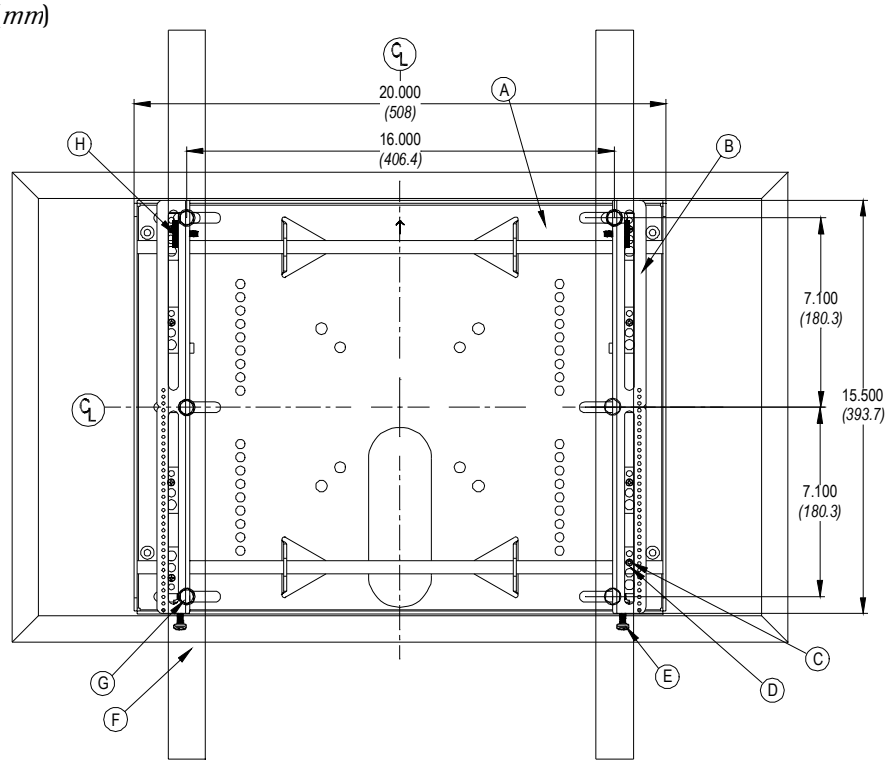
At least two qualified people should always perform the installation work. Injury and damage can result from dropping or mishandling the flat panel.



Mounting structure recommended wood studs, solid-flat concrete. Use a minimum diameter of 5/16” x 2 ¼” lg concrete wedge anchors (commercially available). or a minimum diameter of 5/16” x 3” lg wood screws.

Assembly drawing

Dimensions are in Inches and (*mm*)



Description

A. Wall plate

B. Mounting brackets

C. Griplate™

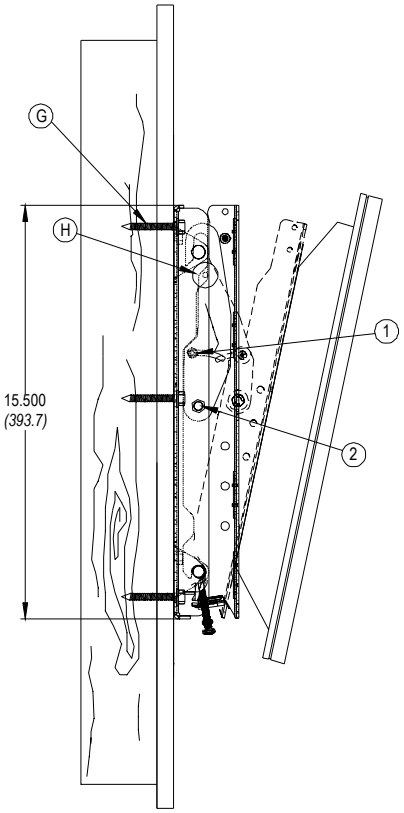
D. Mounting hardware

E. M6 x 30 (mm) Phillip screws

F. Wood stud

G. 5/16" x 3" Lag screws and flat washers

H. Safety knobs



Fine tune tilt adjustments

1. M5 Phillips screws for fine tension
2. M8 Hex nut coarse tension

NOTE: The 8 (mm) hex nut is for your coarse tension adjustment and the 5 (mm) screws are for your fine tension adjustment.

Flat panel

Sony

KLV-30XBR900, KLV30MR1, LDM3000
KE32TS2U, KZ32TS1, PFM32C1, KE37XS910: **M5 X 16 5/16" flat washer**

Philips

34PW9847,30PW8859, 30PW8879, 30PW8869, 30PW9817, 34W9817, 37FD9954, 32FD9954, 32PF9954, 32PH995S, 30PF9975: **M5 x 25 – ½" Nylon spacers**

Panasonic

TC-32LH1: **4 x 25 – ½" Nylon spacers**

VESA (If applicable)

VESA 100: **4 x 16**

Barco

Solaris LC40: **8 x 30**

Eiki

PLD32: **M4 x 20**

Sanyo

PDP32H1A: **M5 x 20 – Nylon spacers**

Hitachi

32HDT20, 32HDT50, 32HDT55, 32HDX60: **M6 x 12**

Monivision

PD3231, LWX30AMS: **M6 x 12**

NEC

PlasmaSync 3300, PX33M2A, PX33M3A: **M5 x 20**

V-Tek

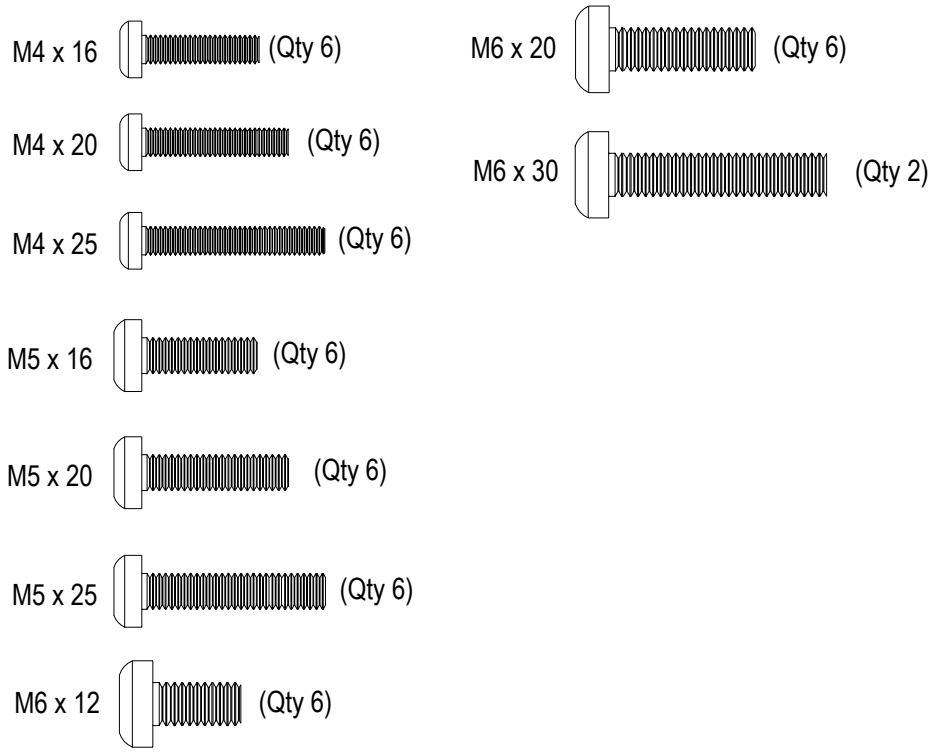
VPL321W: **M6 x 12**

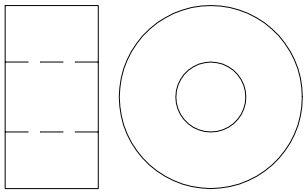
NOTE: If your flat panel display is not listed, go to (page 8) to determine the thread pitch on your flat panel.

Parts list

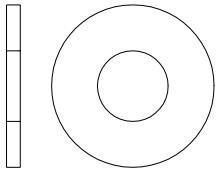
NOTE: This mount is shipped with all proper installation hardware and components. Make sure that none of these parts are missing before beginning installation. If there are parts missing stop the installation and contact Premier Mounts.

Actual screw size





1/2" Nylon spacers
(large)
(Qty 6)



5/16" Flat washers
(metal)
(Qty 6)

1/4" Nylon spacers
(Qty 6)

Checking the thread depth on your flat panel

1. Insert the thread depth indicator (supplied) through the thread inserts found on the back of the flat panel to make sure the inserts measure the same full depth and mark it. (see figure 1)

2. Locate the correct diameter screw for the thread insert. Compare your marking to the screws (supplied). If your selected screw is longer than the marking on the thread depth indicator **DO NOT USE** this screw. The screw length must not bypass the marking. Select another screw size (see figure 2 and 3). Until you find one that comes closest to your mark without going past.

Figure 1

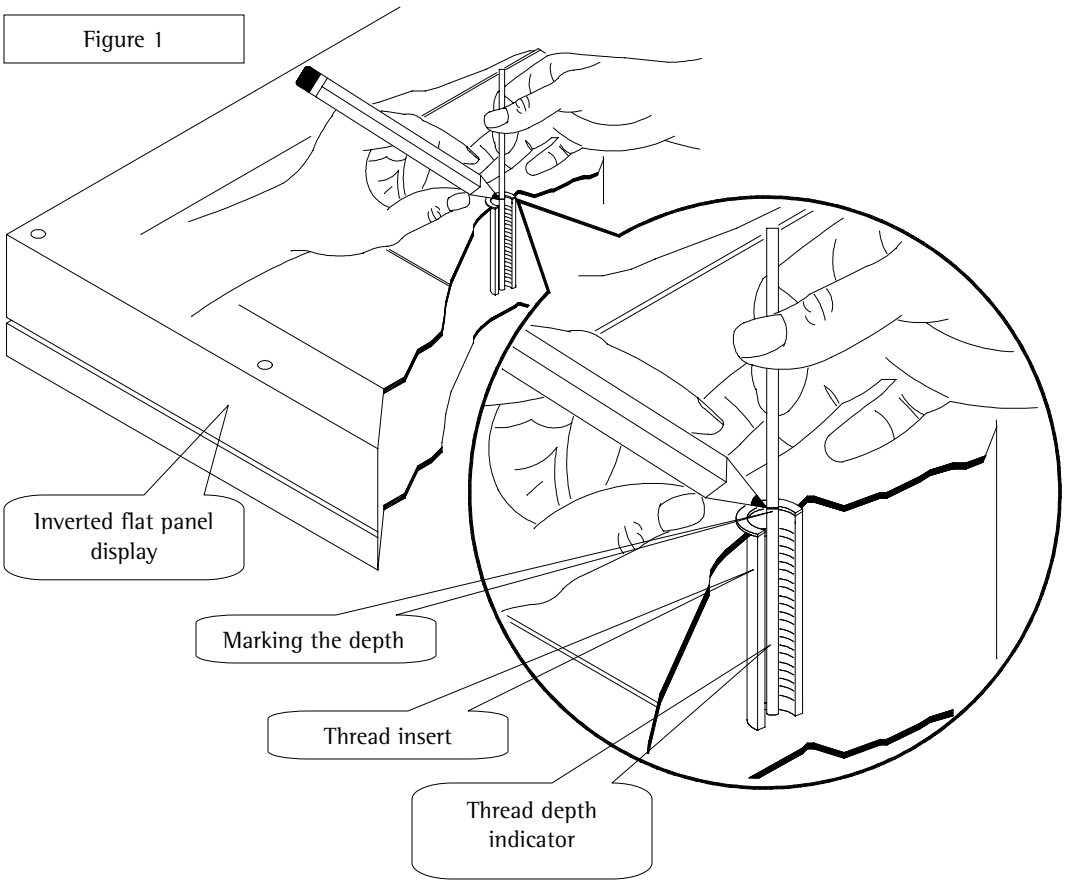


Figure 2

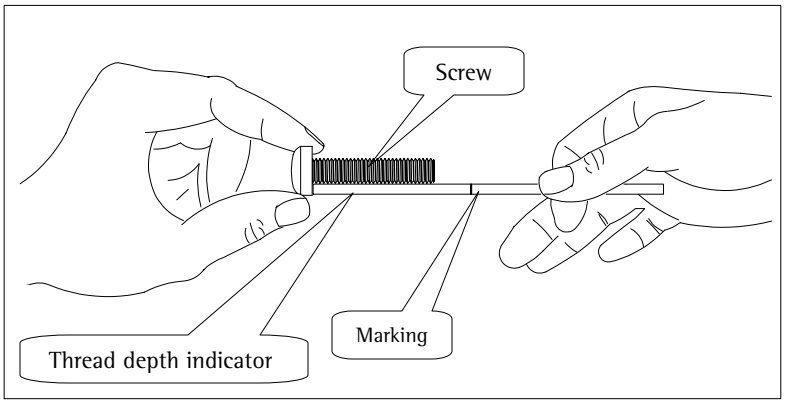
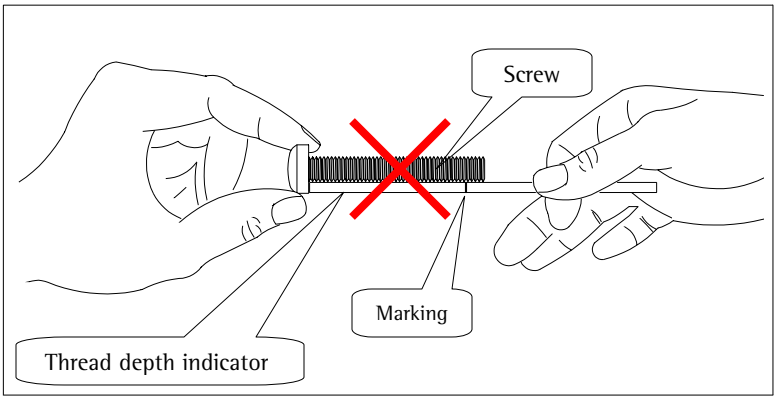


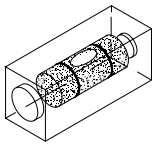
Figure 3



Parts list (con't)

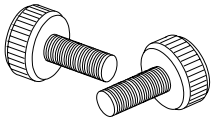
All of these parts are used to install the mounting bracket. Make sure that none of these parts are missing before beginning installation. If there are parts missing stop the installation and contact Premier Mounts.

Level (1)

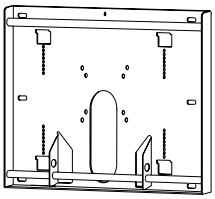


Griplates™ (8)

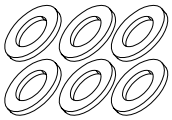
M6 x 12 Safety knobs (2)



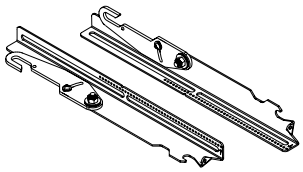
Wall plate (1)



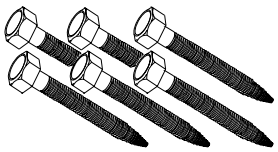
5/16" flat washers (6)



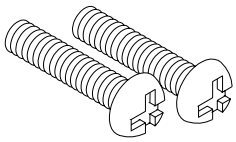
Mounting brackets (left & right)



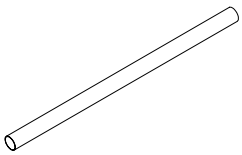
5/16" x 3" Lag bolts (6) (used on wood studs only)



M6 x 30 Lateral shift locking screws (2)



Thread depth indicator (1)

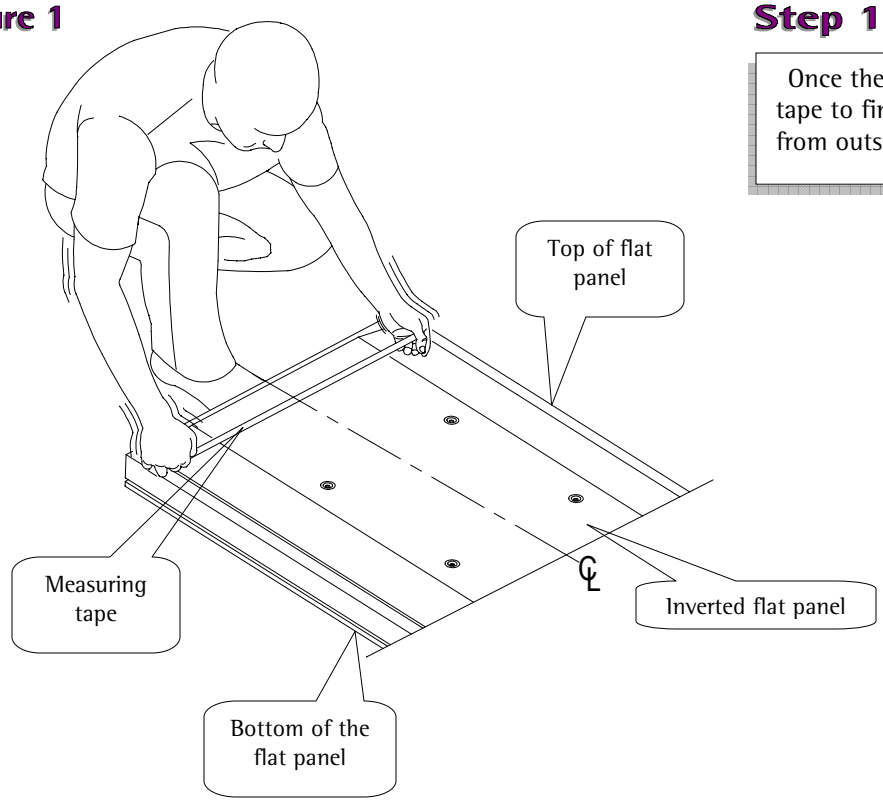


Finding center of the flat panel display

WARNING : Proper installation procedure by qualified personnel as outlined in the installation instructions must be adhered to. Failure to do so could result in serious personal injury and possible damage to the flat panel.

WARNING!
INVERT THE FLAT PANEL AND PLACE IT ON A SOFT, FLAT SUFRACE TO PREVENT DAMAGE TO THE FLAT PANEL. USE A BLANKET, FOAM, ETC. FAILURE TO DO SO WILL RESULT IN DAMAGING THE FLAT PANEL. DO NOT LAY THE PLASMA ON THE FLOOR WITHOUT ANY PROTECTION TO THE GLASS. THE FLAT PANEL IS HEAVY AND FRAGILE. AT LEAST (2) QUALIFIED PERSONNEL ARE STRONGLY RECOMMENDED FOR INSTALLATION OF THIS PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND POSSIBLE DAMAGE TO THE FLAT PANEL.

Figure 1



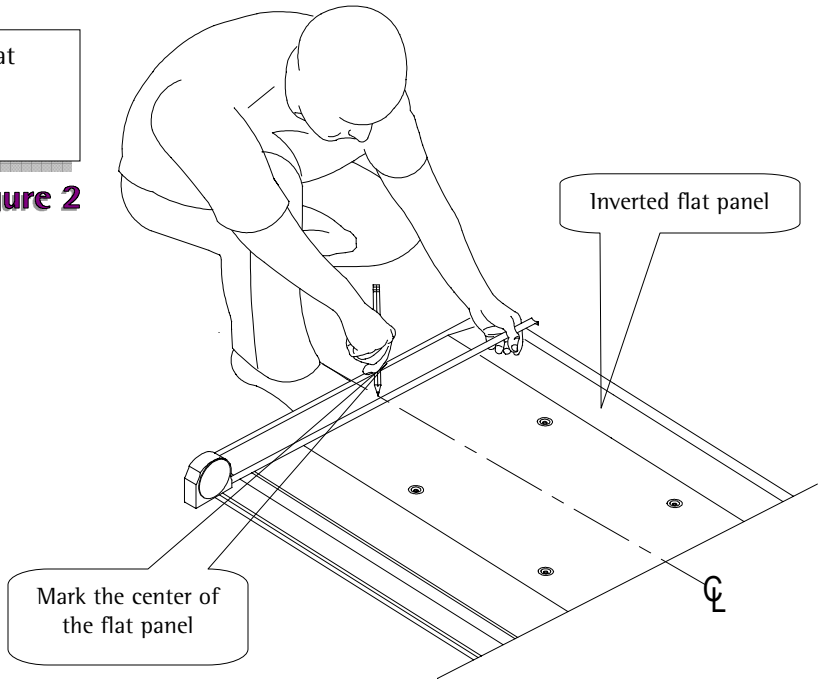
Step 1

Once the flat panel is inverted, use a measuring tape to find the center of your flat panel measuring from outside to outside of the chassis. See figure 1.

Step 2

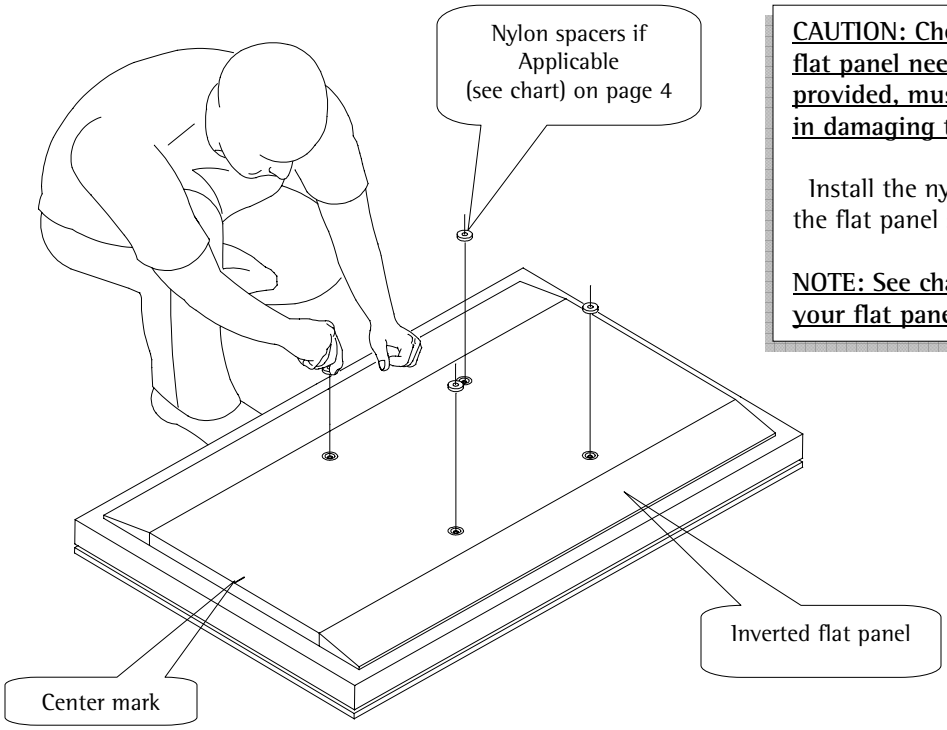
Using a pencil lightly mark the center of your flat panel
See figure 2.

Figure 2



Positioning the mounting brackets

Figure 3



Step 3

CAUTION: Check the chart on page 4 to see if your flat panel needs nylon spacers. The nylon spacers provided, must be used. Failure to do so will result in damaging the flat panel.

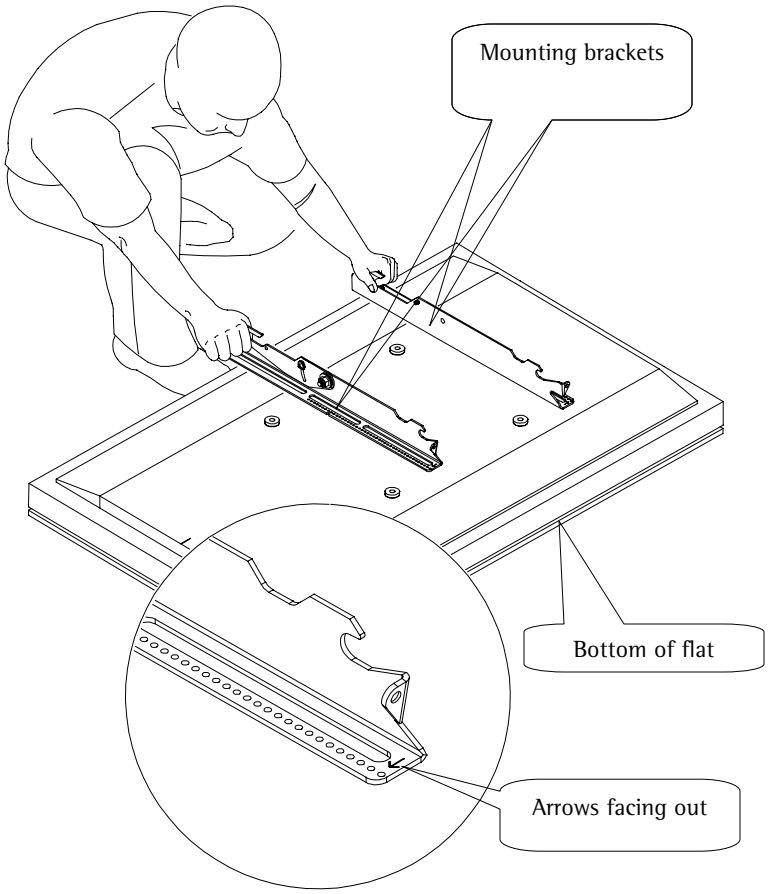
Install the nylon spacers to the mounting points on the flat panel see figure 3.

NOTE: See chart (if the nylon spacers apply to your flat panel.

Step 4

Lay the left and right mounting brackets (stamped arrows facing out). See figure 4.

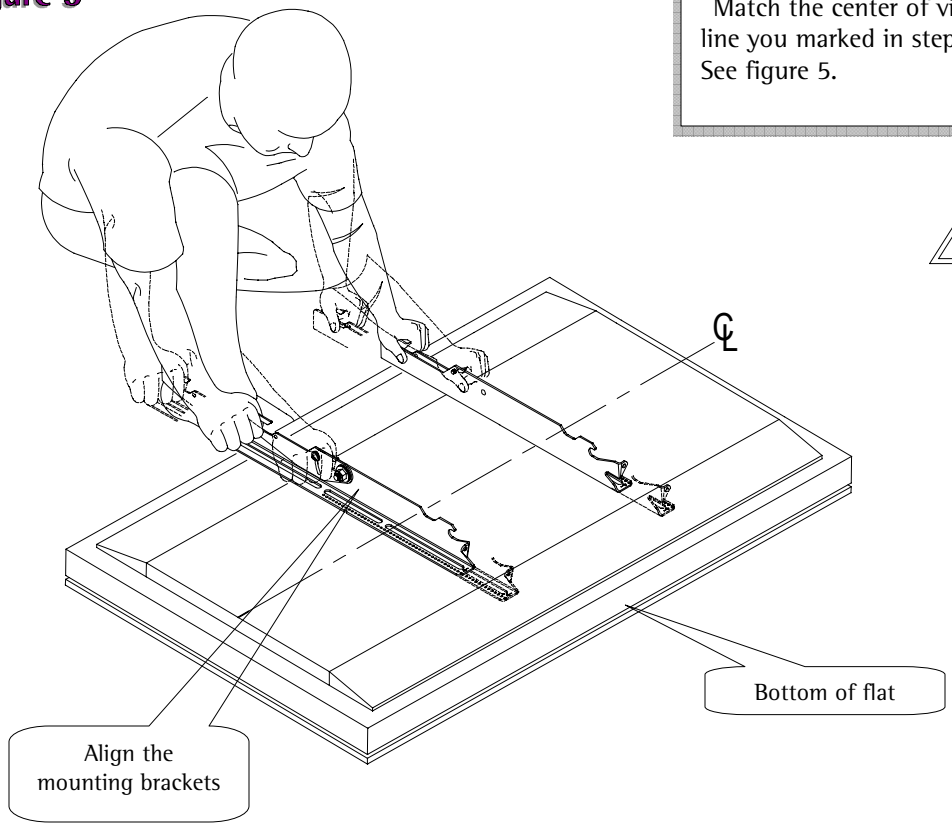
Figure 4



Step 5

Figure 5

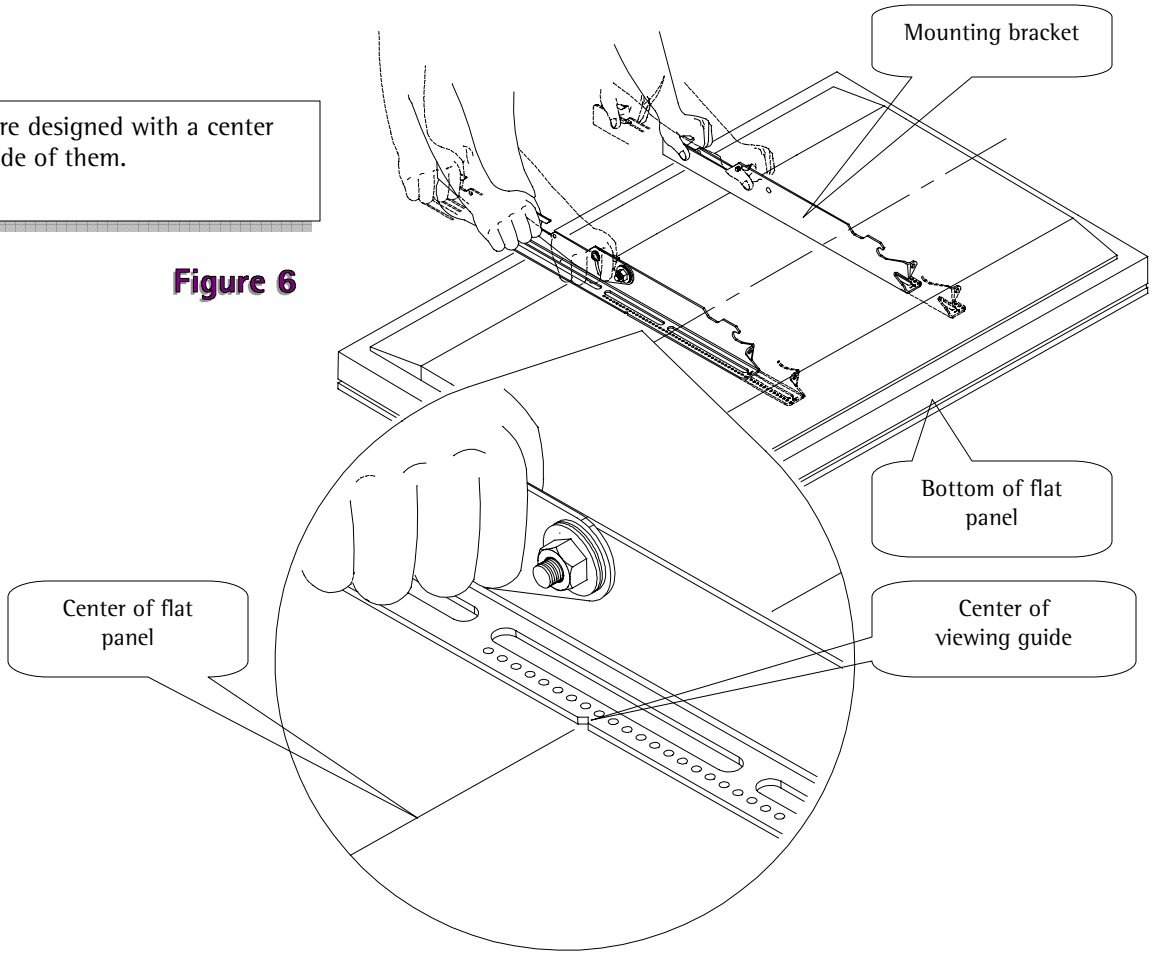
Match the center of viewing guide with the center line you marked in step 1.
See figure 5.



Step 6

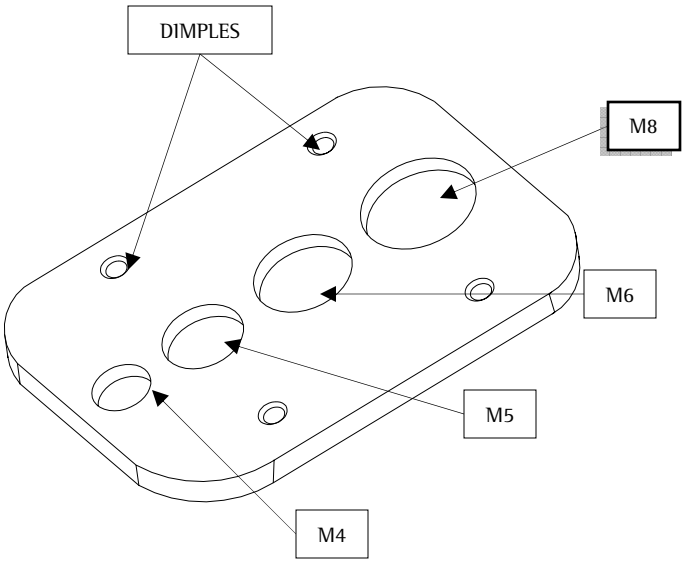
The mounting brackets are designed with a center of viewing guide on the side of them.
See figure 6.

Figure 6



Securing the mounting brackets

Figure 7



Step 7

The Griplates™ have M4, M5 M6 and M8 hole patterns to fit the hardware that your flat panel requires.

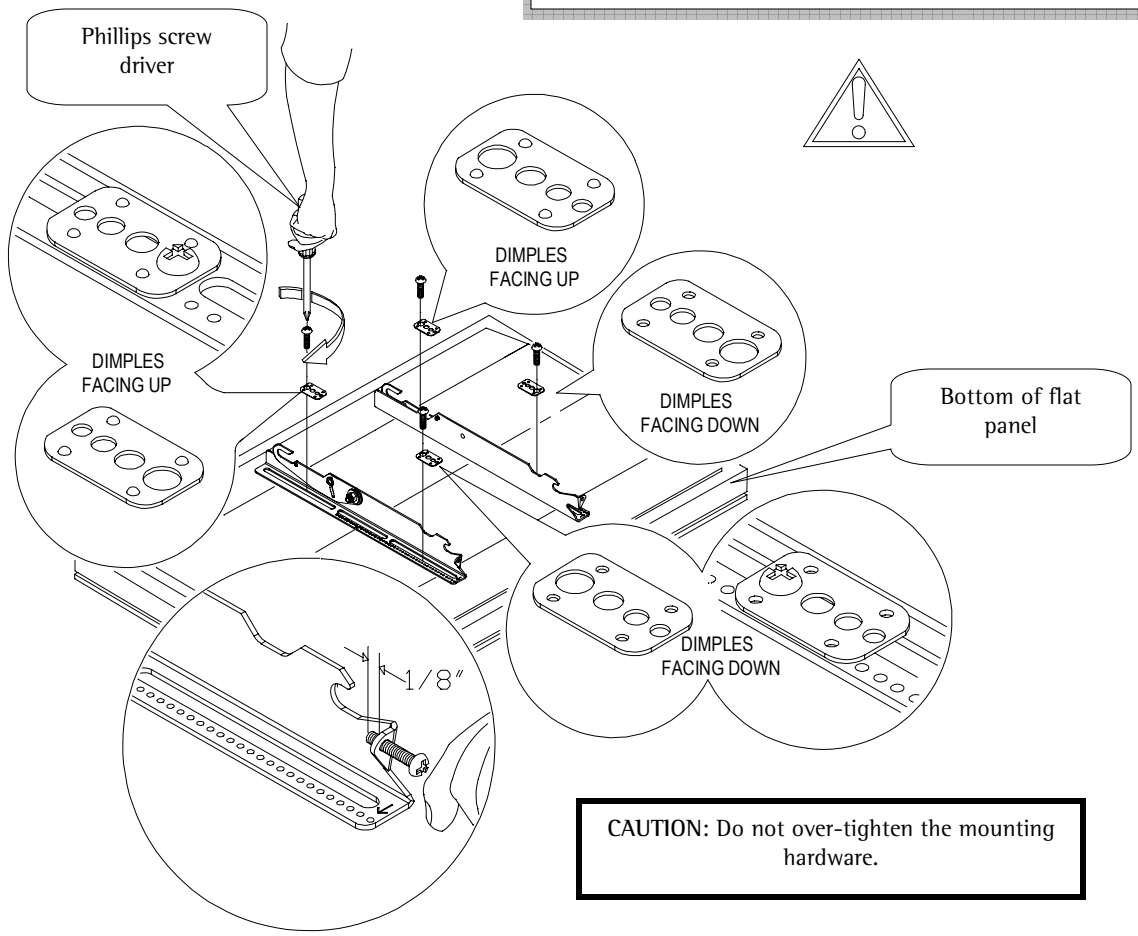
EXAMPLE: **If your plasma uses M8 x 20 Phillip screws. Use the M8 mounting points.** See figure 7

Step 8

Pre install two (2) M6 x 30 (mm) Phillip pan screws to the bottom of the left and right hand side mounting brackets. Once the mounting brackets are aligned secure the Griplate™ to the flat panel.

NOTE: The dimples of the top plates have to be facing up and the bottom dimples must be facing down.
Use (1) Griplate™ per mounting point. See figure 8.

Figure 8

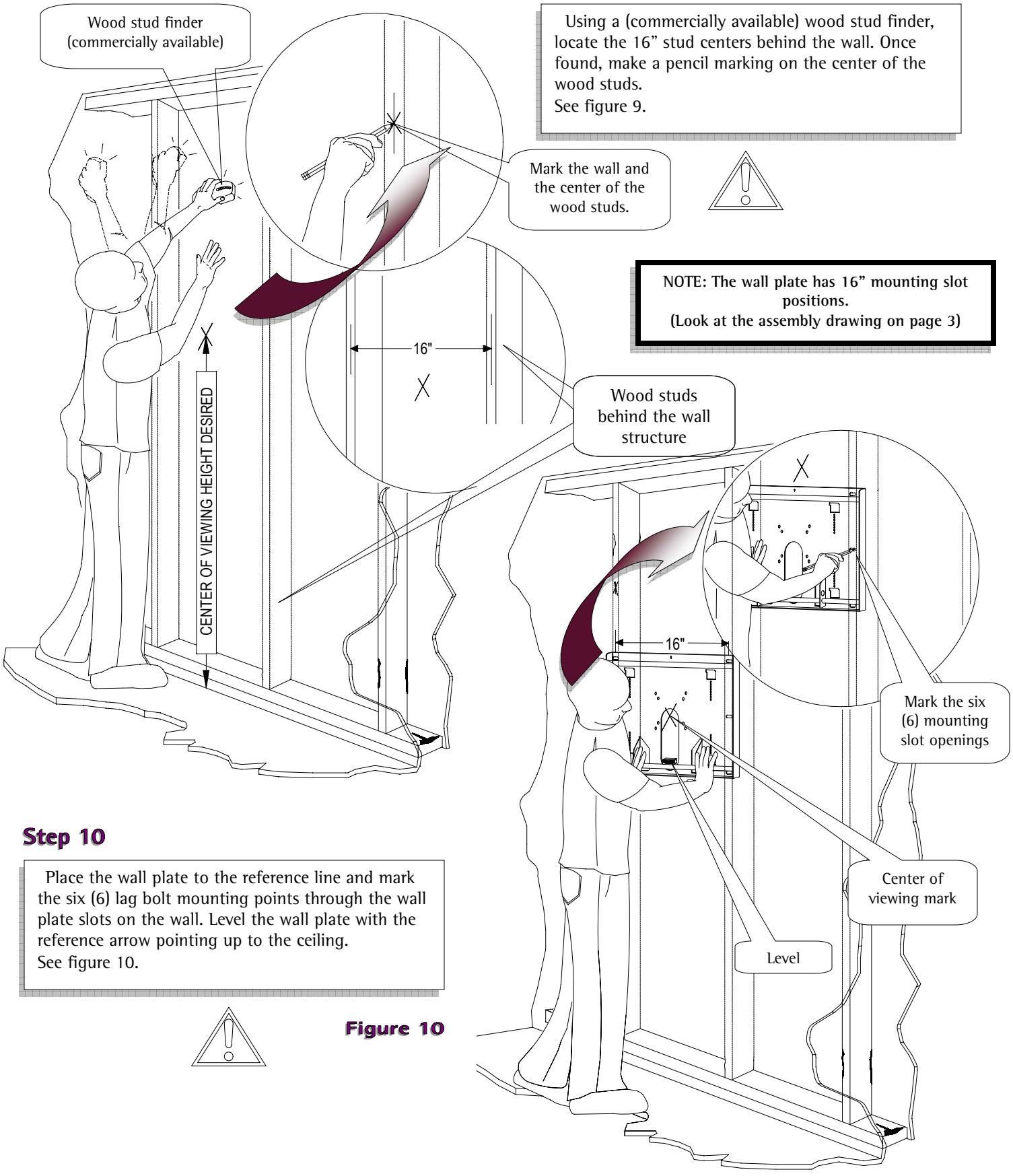


CAUTION: Do not over-tighten the mounting hardware.

NOTE: Secure the two (2) M6 x 30 Phillip pan screws to the left and right mounting bracket.

Finding the wood studs behind the wall structure

Figure 9


Wood stud finder
(commercially available)
Mark the wall and the center of the wood studs.
16"
CENTER OF VIEWING HEIGHT DESIRED
Wood studs behind the wall structure
16"
Mark the six (6) mounting slot openings
Center of viewing mark
Level

Step 9

Using a (commercially available) wood stud finder, locate the 16" stud centers behind the wall. Once found, make a pencil marking on the center of the wood studs.
See figure 9.

NOTE: The wall plate has 16" mounting slot positions.
(Look at the assembly drawing on page 3)

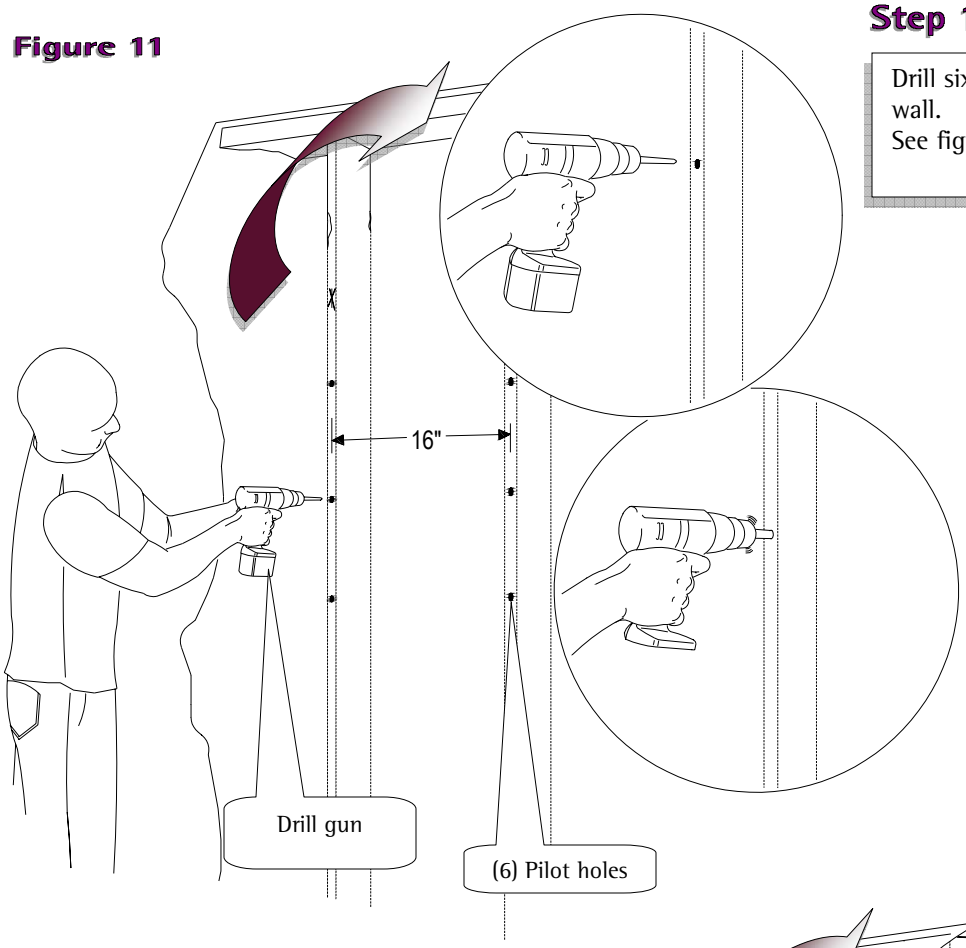
Step 10

Place the wall plate to the reference line and mark the six (6) lag bolt mounting points through the wall plate slots on the wall. Level the wall plate with the reference arrow pointing up to the ceiling.
See figure 10.

Figure 10

Securing the wall bracket to the wall

Figure 11



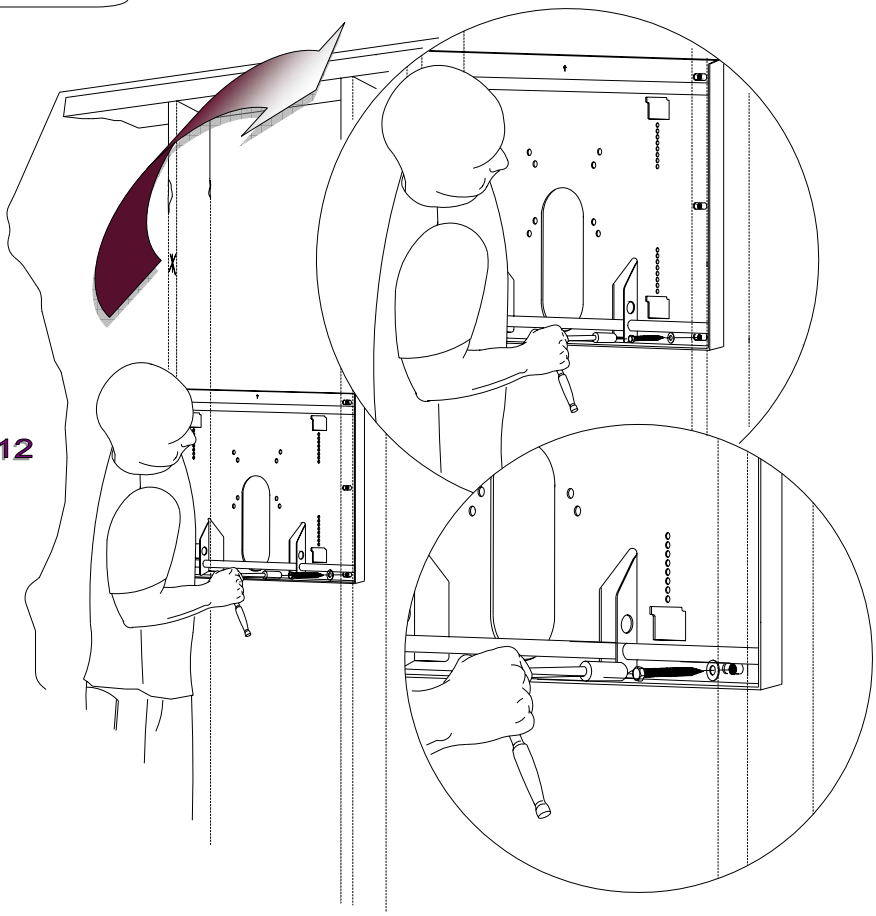
Step 11

Drill six (6) ¼" pilot holes to the marked wall.
See figure 11.

Step 12

Level and secure the plate to the wall with the reference arrow facing up to the ceiling. Secure the plate using the six (6) 5/16" lag bolts and flat washers (supplied).
See figure 12.

Figure 12



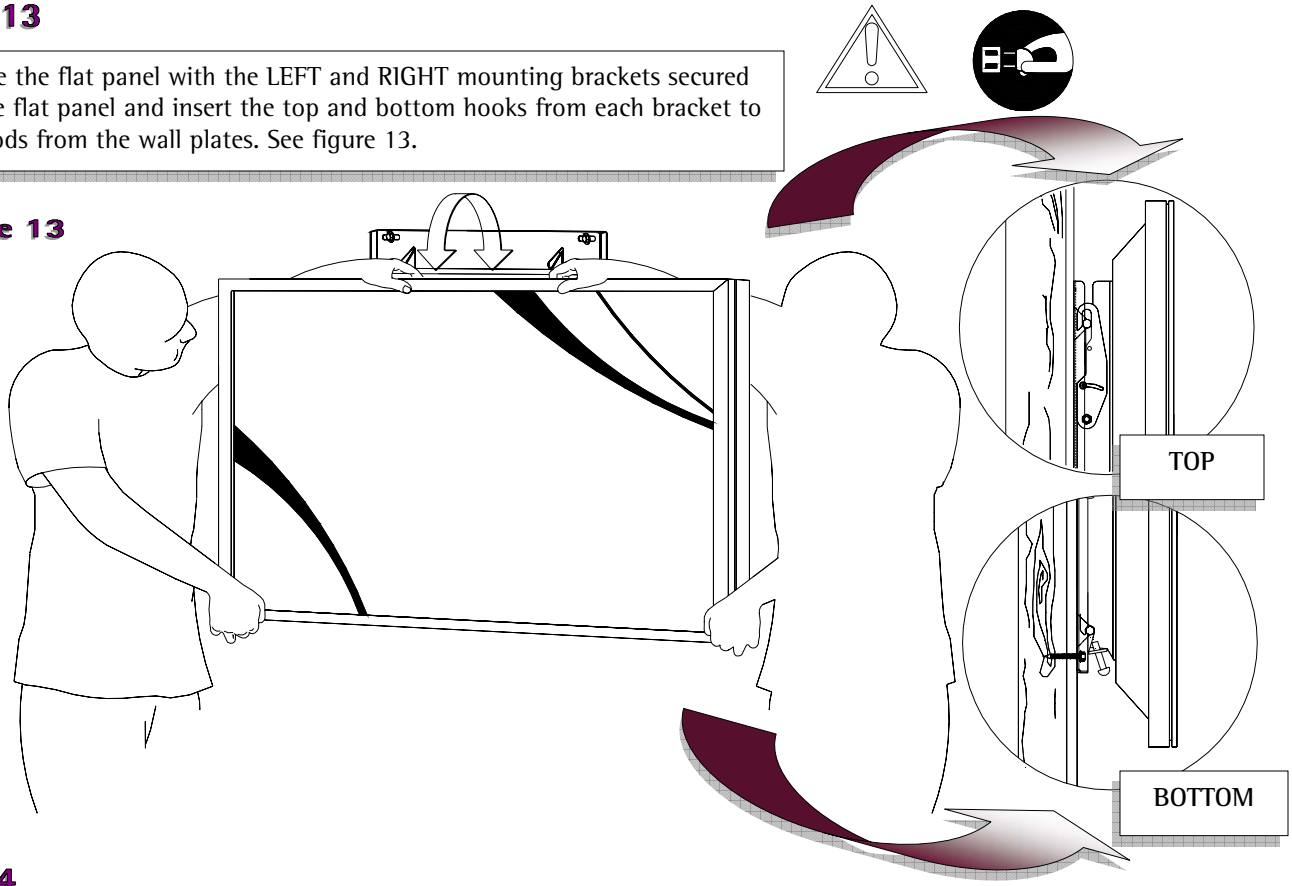
Securing the flat panel to the wall mount

WARNING: AT LEAST (2) QUALIFIED PERSONNEL ARE STRONGLY RECOMMENDED FOR INSTALLATION OF THIS PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND POSSIBLE DAMAGE TO THE FLAT PANEL.

Step 13

Raise the flat panel with the LEFT and RIGHT mounting brackets secured to the flat panel and insert the top and bottom hooks from each bracket to the rods from the wall plates. See figure 13.

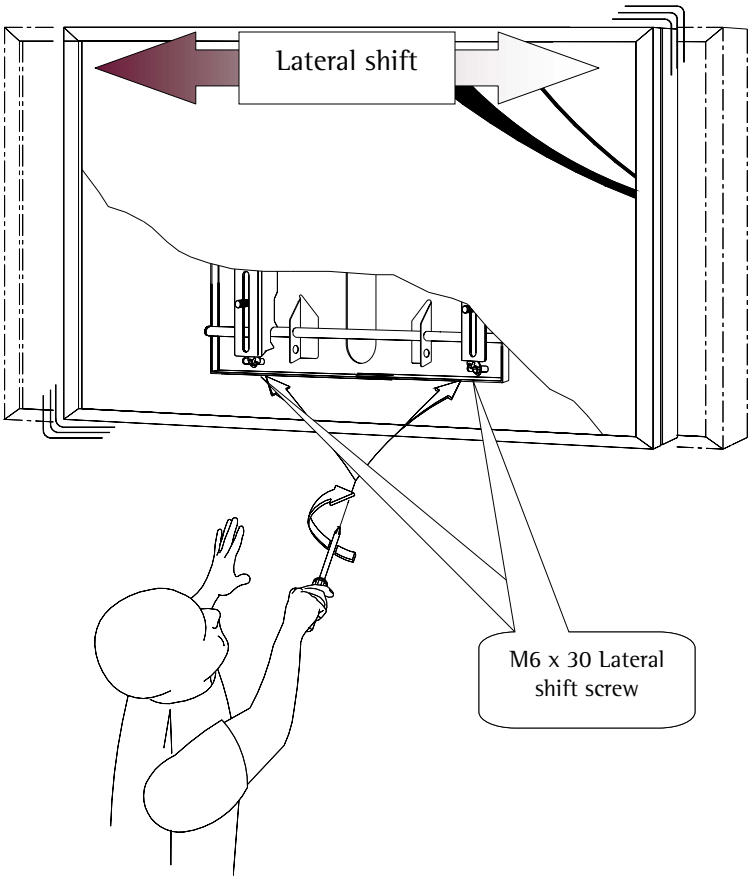
Figure 13



Step 14

Make any lateral shift adjustment and lock it by tightening the two (2) M6 x 30 (mm) Phillips screws found on the bottom of the mounting brackets.
CAUTION: Do not over tighten the M6 screws to the rods.
See figure 14

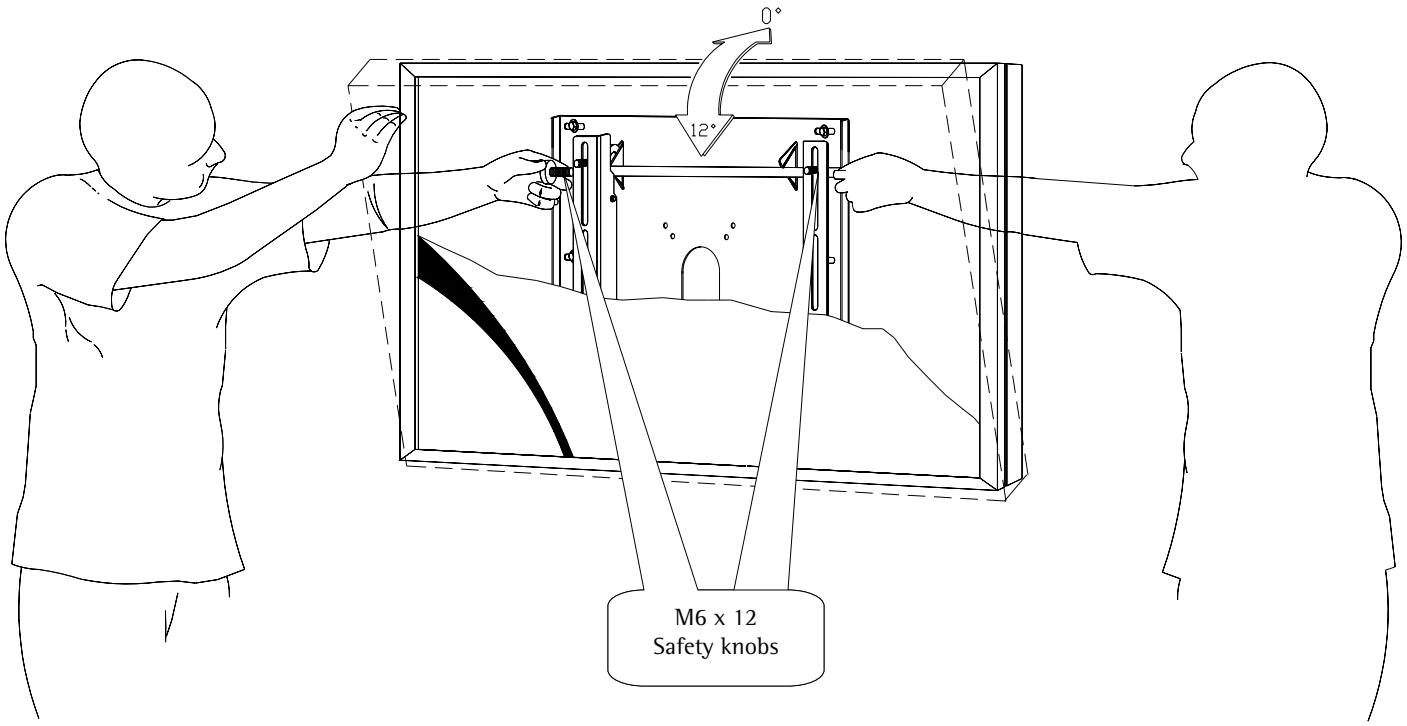
Figure 14



Securing the flat panel to the wall mount

Step 15

Tilt the flat panel and secure the two (2) M6 x 12(mm) safety knobs to each of the mounting brackets.
See figure 15



NOTE: To remove the display from the wall simply extend the display to its maximum tilt range, remove the two 6 (mm) safety knurl knobs push the flat panel back to it's flat position loosen or remove the two (2) M6 x 30 lateral shift screws and lift the unit of the wall.

www.mounts.com

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